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10/532,965

Examiner

Kiley Stoner

Applicant(s)/Patent under Reexamination

KU ET AL.

**Art Unit** 

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|                | Allowed  |
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| Claim Date  |          |  |  |                 |              | Cla  | im          | Date            |          |          |     |                        |          |  | Cla      |          | Date     |               |   |   |             |     |          |            |                 |                     |          |               |          |          |           |              |          |
|-------------|----------|--|--|-----------------|--------------|--|-------------|-----------------|----------|----------|-----|------------------------|----------|--|----------|----------|----------|---------------|---|---|-------------|-----|----------|------------|-----------------|---------------------|----------|---------------|----------|----------|-----------|--------------|----------|
|             | =,       | -  |  | ::              | ,            |  |             |                 |          |          |     |                        |          |  |          | I        |          | T             |   | Т   |             | 1   |          | =          |                 | $\neg$              | T        |               |          |          |           |              |          |
| Final       | Original | -1/14/08   | ľ  | 1               | ľ            |  |             |                 | ŀ        |          |     | Б                      | Original | ļ  |          |          |          | ı             |   |   |             |     | <u></u>  | Original   |                 |                     |          |               |          | -        |           | - 1          |          |
| ] i=        | <u>E</u> | Ŧ  |  | ,               |              |  |             |                 |          |          |     | Final                  | īġ       |  |          |          |          |               | 1   |   |             |     | Final    | <u>.</u> ق |                 |                     | - 1      |               |          |          |           |              |          |
| -           | 0        | ľΤ   |  |                 |              | Ì  |             |                 |          |          |     | _                      | 0        |  |          | ļ        | - 1      |               |   |   |             |     | -        | 0          |                 | 1                   |          | 1             |          |          |           |              |          |
|             | -1;      | V  |  | H               |              | ┢  | $\Box$      | H               | _        | $\neg$   |     |                        | 51       | -  | $\dashv$ |          | -        | $\dashv$      | $\dashv$  | $\pm$   | +           | 1   |          | 101        | $\dashv$        |                     | ┪        | _             | +        | $\dashv$ | $\dashv$  | $\dashv$     | ᅥ        |
|             | 2        | ¥  |  | 1               | _            | ┢  | $\vdash$    | $\vdash$        | 1        | $\dashv$ |     |                        | 52       | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +   | +   | -           |     |          | 102        | $\dashv$        | $\dashv$            | $\dashv$ | _             | -        | -        | $\dashv$  | -+           | $\dashv$ |
|             | -3       | f  | <del> </del>                                     |                 | _            | ╁  | $\vdash$    | ├──┤            | -+       | 러        |     |                        | 53       | -  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +   | +   | +           |     | $\vdash$ | 103        | $\dashv$        | $\dashv$            | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     | ᅥ        |
| -           | 4        | J  | H÷   |                 | ÷            | ┢  | $\vdash$    | ┤┤              | $\dashv$ | -        |     |                        | 54       | -  | $\dashv$ | $\dashv$ | +        | $\dashv$      | +   | ╁   |             | 1   | $\vdash$ | 104        | -               |                     | $\dashv$ |               | -        |          | +         | $\dashv$     | $\dashv$ |
|             | 5.       | J  | <del> </del>                                     |                 | :            | <del>  i -</del>                                 | $\vdash$    | ┈╢              | $\dashv$ | -        |     |                        | 55       |  | -+       |          |          | -+            |   |   | +           | 1   |          | 105        | -               | <del>-</del>        | -        | _             | -        | $\dashv$ | -         | ┥            |          |
| -           | 6        | ٠,   | H  |                 | ÷.           | 1  |             | ├─┤             | $\dashv$ | -        |     |                        | 56       |  | -+       | ᅱ        | $\dashv$ | $\dashv$      | +   | +   | -           | ┨   |          | 106        | $\rightarrow$   | -                   | $\dashv$ | _             | -        | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
| -           | 7:       | y  | l-   |                 | <u>.</u>     | <del> </del>                                     | Н           | $\vdash$        | -        | -        |     |                        | 57       |  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +   | +   |             |     |          | 107        |                 | $\dashv$            | $\dashv$ |               | $\dashv$ | $\dashv$ |           | -+           | $\dashv$ |
| <u> </u>    |          | Ž  | <del> </del>                                     | ::              |              | H  |             | ├{              |          | _        |     |                        |          | -  | -        |          | $\dashv$ | $\dashv$      | +   | +   | +           | ł   |          |            | -               | _                   | $\dashv$ | -             | -        | $\dashv$ | -         | $\dashv$     |          |
| <u> </u>    | 8        | Υ,   | ļ.   |                 |              | H-   | -           | ╟─┤             |          | _        |     |                        | 58       | -  | -        |          | $\dashv$ | $\dashv$      | +   | +   | -           | -   | -        | 108        | -               | $\rightarrow$       | $\dashv$ | $\rightarrow$ |          | $\dashv$ | ⊹⊢        | $\dashv$     | $\dashv$ |
| <u> </u>    | 9        | y  | <u> </u>   | ·               |              | <u> </u>   | _           | $\vdash$        | _        |          |     |                        | 59       |  | 4        |          | $\dashv$ | -             | +   | +   | +           |     |          | 109        | $\dashv$        | _                   | -        | 4             |          | -        |           | $\dashv$     | _        |
| <u> </u>    | 10       | ×,   | <u> </u>   | :               |              |  |             |                 |          | _        |     |                        | 60       | $\Box$   | _        | _        | $\dashv$ | $\dashv$      | $\perp$   | _   |             |     |          | 110        |                 | _                   | _        | _             | _        | _        | _         | 4            | _        |
| <u> </u>    | 11       | Y  | <u> </u>   |                 | <u> </u>     |  | Ш           | Щ               |          | _        |     | <u> </u>               | 61       | Щ  | _        | _        | _        | $\rightarrow$ | 4   | $\bot$  | $\perp$     |     | Щ        | 111        |                 | _                   | _        | _             | _        | _        |           | _            | _        |
| <u> </u>    | 12       | Y  |  |                 |              | $\vdash$   | $\vdash$    |                 | _        | _        |     |                        | 62       | Ц  | _        | _        | _        | $\perp$       |   |   | _           |     |          | 112        |                 | _                   |          |               | _        | ļ        | _         |              |          |
| L           | 13       | Ÿ  |  | . ;             | <u> </u>     | L.   | Щ           | $\sqcup$        |          |          |     |                        | 63       | $\sqcup \downarrow$                              | _        | _        | $\perp$  | $\dashv$      | $\perp$   | $\perp$   | $\perp$     |     |          | 113        | Ш               |                     |          | _             |          |          |           |              |          |
| <u> </u>    | 14       | J  | ·  | <u> </u>        | <u> </u>     | L  | Ш           | Щ               | _        |          |     |                        | 64       |  |          |          | _        | $\perp$       |   | $\perp$   |             |     |          | 114        |                 | _                   |          |               | _        |          |           |              |          |
|             | :15      |  | <u> </u>   | <u> </u>        |              | Ŀ  | Ш           | Ш               |          |          |     |                        | 65       |  | $\perp$  |          |          |               |   |   |             |     |          | 115        |                 |                     |          |               |          |          |           |              |          |
| <u></u>     | 16       |  | 1  | . :             | <u> </u>     | L  | Ш           | Ш               |          |          |     | I                      | 66       |  |          |          |          |               |   |   |             |     |          | 116        |                 |                     |          |               |          | $\Box$   |           | $\Box$       | ]        |
| <u></u>     | 17       |  |  |                 | :            | L.   |             |                 |          | •        |     | T                      | 67       |  |          |          | $\Box$   |               | $oxed{oxed}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ |             |     |          | 117        |                 |                     | $\Box$   | _]            |          | $\Box$   | J         | $oxed{\int}$ |          |
|             | 18       | Li   | L  | L]              |              | i  | $\Box$      |                 |          |          |     |                        | 68       |  |          | [        | T        |               | $\Box \Gamma$   |   |             |     |          | 118        |                 |                     |          |               | [        |          | J         |              |          |
|             | 19       | Ľ  |  |                 |              |  |             | П               |          |          |     |                        | 69       |  |          |          |          |               |   |   |             | 1   |          | 119        |                 | Ī                   |          |               |          |          |           | П            |          |
|             | :20      |  |  |                 |              |  |             |                 |          |          |     |                        | 70       |  |          |          | 7        | T             |   |   |             | 1   |          | 120        |                 |                     |          | П             |          |          |           | コ            |          |
|             | 21       | 1  | Γ  | :               |              |  |             |                 |          |          |     |                        | 71       |  |          |          |          |               |   | T   | 1           | 1 . |          | 121        |                 |                     |          |               |          |          |           | $\neg$       |          |
|             | 22       | 1  |  |                 |              |  |             |                 | 寸        |          |     |                        | 72       |  | T        | $\neg$   | T        | T             | T   | ╅   |             | 1   |          | 122        |                 | $\neg$              | $\neg$   | $\neg$        | 一        | 寸        | $\exists$ | $\neg$       | ヿ        |
|             | 23       | : i  | П  |                 |              | Г  |             | П               | 一        |          |     |                        | 73       |  | T        |          | 7        | _†            |   | ┪   |             | 1   |          | 123        |                 |                     |          |               |          | T        | 一         | 7            | $\neg$   |
|             | 24       | 1  |  | ,               | _            |  |             | П               | _        |          |     |                        | 74       |  | 一        | $\neg$   | 寸        | 寸             |   | _   | <del></del> | 1   |          | 124        |                 |                     | 寸        | 7             | 一        |          | 寸         | $\neg$       |          |
|             | 25       | 1.   | 1  | 1               | _            |  |             | H               |          |          | . 1 |                        | 75       |  | T        |          | T        | İ             | T   | _   | $\dashv$    | 1   |          | 125        |                 |                     | T        | T             | $\neg$   | 一        | _         | ヿ            | コ        |
|             | 26       | 1  | ,  |                 | -            | ١.   |             | П               |          |          |     |                        | 76       |  |          |          |          | İ             | 1   | +   | $\top$      | 1   |          | 126        | T               |                     | T        | 7             |          | $\neg$   |           | ヿ            |          |
|             | 27.      |  |  | • .             |              | Ι.   |             |                 | _        |          | 4 3 |                        | 77       | $\Box$   | . 1      | 一        | T        | Ť             |   | +   | 1           | 1   |          | 127        | Ħ               | $\neg$              | 7        | 7             |          |          | $\neg$    | ヿ            |          |
|             | 28       | 1  | ,  | i               |              | 1  |             |                 |          |          |     |                        | 78       |  |          |          | $\dashv$ |               |   | ╅   | 1           | 1   |          | 128        |                 | 寸                   |          | T             |          |          |           | $\dashv$     |          |
|             | 29       | 1.   |  |                 |              | _  | <del></del> |                 | 一        | _        |     |                        | 79       | $\dashv$   | ┪        | _        | _        | $\dashv$      | $\dashv$  | $^{+}$  | +           | 1   | <u> </u> | 129        |                 | 一                   | 寸        | _             | _        | 寸        |           | $\dashv$     |          |
|             | 30       | !  |  | ::              | <u> </u>     | <del>                                     </del> |             |                 | $\dashv$ |          |     |                        | 80       |  | _        |          | $\dashv$ | +             | $\top$  | +   | +           |     |          | 130        |                 | $\dashv$            | _        | 一             |          | 1        | .         | 寸            | _        |
|             | ,31      | 1:   | Ė  | 1               | -            | +-   |             | $\vdash$        | $\dashv$ |          |     |                        | 81       |  | _        | _        | $\dashv$ | +             | $\dashv$  | +   | +           |     |          | 131        |                 |                     | $\dashv$ | _             | $\neg$   | 寸        | _         | $\dashv$     | _        |
| -           | 32       | Ħ  | Ť  | -               | ┢╌           | -  |             | $\vdash$        | $\dashv$ | _        |     |                        | 82       | $\vdash$   | ᅱ        | -        | +        | -             | -   | +   | +           |     | · -      | 132        | $\dashv$        | $\dashv$            | $\dashv$ | -             | $\dashv$ | 寸        | $\dashv$  | $\dashv$     | $\neg$   |
| <b>├</b> ─  | 33       |  |  |                 |              | ╁  |             | $\vdash$        | $\dashv$ |          |     |                        | 83       | -  | $\dashv$ | -        | ┰        | $\dashv$      | -+  | +   | +           |     |          | 133        |                 | $\dashv$            | $\dashv$ | -1            | $\dashv$ | $\dashv$ | -         | -            | $\dashv$ |
| _           | - 2      | -  | $\vdash$   | Н               | $\vdash$     |  | $\vdash$    | $\vdash$        |          | _        |     | $\vdash \vdash \vdash$ | 84       | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | -             | ┰   | +   | +           | 1   |          | 134        | $\vdash$        | $\dashv$            | $\dashv$ | $\dashv$      |          | $\dashv$ | -+        | 一十           | $\dashv$ |
| $\vdash$    | 35       | -  | <u> </u>   |                 |              | $\vdash$   | Н           | $\vdash \vdash$ | $\dashv$ | -        |     |                        | 85       | $\dashv$   | -        |          | $\dashv$ | $\dashv$      | +   | +   | +           | 1   | <u> </u> | 135        | $\vdash$        | $\dashv$            | $\dashv$ | $\dashv$      | $\neg$   | $\dashv$ | -         | $\dashv$     | $\dashv$ |
| <del></del> | 36       | 1:   | Ė  |                 | -            | 1  | $\vdash$    | $\vdash$        |          | _        |     | $\vdash$               | 86       | $\vdash \vdash$                                  |          |          | $\dashv$ | $\dashv$      | +   | +   | +           | 1   | <b></b>  | 136        | $\vdash$        | $\dashv$            | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     | $\dashv$ |
|             | :37      | <del>                                     </del> | <del> </del>                                     | $\vdash$        | Ė            | ├  | -           | $\vdash \vdash$ | $\dashv$ | _        | . : | $\vdash$               | 87       | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +   | +   | +           | 1   | $\vdash$ | 137        | $\vdash \vdash$ | $\dashv$            | $\dashv$ | $\dashv$      | $\dashv$ | ┪        | $\dashv$  | $\dashv$     | -        |
| <b>—</b>    | 38       | +:   | <del>                                     </del> | <del>. i.</del> | <del>ا</del> | <del>                                     </del> | $\vdash$    | $\vdash \vdash$ | $\dashv$ |          |     | $\vdash \vdash \vdash$ | 88       | $\vdash \vdash$                                  | $\dashv$ | -        | $\dashv$ | $\dashv$      | +   | +   | +           | 1   | $\vdash$ | 138        | $\vdash$        | $\dashv$            | $\dashv$ | $\dashv$      | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$     |          |
| <u> </u>    | 39       | ╁  | <del> </del>                                     |                 | -            | ├-   | $\vdash$    | $\vdash \vdash$ | $\dashv$ |          |     | $\vdash \vdash \vdash$ | 89       | $\vdash \vdash$                                  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | +   | +   | +-          | ł   | $\vdash$ | 139        | $\vdash$        | $\vdash$            |          | $\dashv$      |          | $\dashv$ | -         | $\dashv$     | $\dashv$ |
| $\vdash$    | 40       | <del>                                     </del> | H  |                 |              | ├-   | $\vdash$    | $\vdash$        | $\dashv$ |          |     |                        |          | $\vdash \vdash$                                  |          | -        | +        | $\dashv$      | +   | +   | +-          | 1   | $\vdash$ |            | $\vdash$        | $\dashv$            | -+       | $\dashv$      |          |          |           | $\dashv$     | $\dashv$ |
| <b>-</b>    |          |  | ⊢  |                 | - ; ;        | <del>                                     </del> | $\vdash$    |                 | _        | _        |     | $\vdash\vdash$         | 90       | $\vdash \vdash$                                  | $\dashv$ |          | -+       | -+            | -   | +   | $\dashv$    | ┨   |          | 140        | Н               |                     | $\dashv$ |               |          |          |           |              | $\dashv$ |
| -           | 41       | -  | <del> </del>                                     |                 |              | ├-   | H           | $\vdash$        |          | _        |     | $\vdash$               | 91       | $\vdash$   |          |          |          |               | +   | +   | +-          | 1   | <u> </u> | 141        | $\vdash$        | $\vdash \downarrow$ | -        | $\dashv$      | -        | -        | $\dashv$  | $\dashv$     |          |
| <del></del> | 42       | 1:1  | <u> </u>   |                 | <u> </u>     | $\vdash$   | $\vdash$    | ⊢┩              |          | _        |     | <b> </b>               | 92       | <del>                                     </del> |          | $\dashv$ | $\dashv$ |               | +   | -   |             | -   | <u> </u> | 142        | $\vdash \vdash$ | <b></b> -           | 4        |               | _        | $\vdash$ | _         |              |          |
|             |          |  | ├  | <del> </del>    | <u> </u>     |  |             | $\sqcup$        |          | _        |     |                        | 93       | <b>-</b>   |          | _        |          | <u> </u>      | -   | _   | -           | 4   |          | 143        | $\vdash$        |                     | $\dashv$ | _             |          | $\dashv$ |           | $\dashv$     | $\dashv$ |
| <u> </u>    | 44       | ļ!   | -  | Ŀ               | <u> </u>     | <del> </del>                                     | $\vdash$    | Щ               | _        |          |     |                        | 94       | $\sqcup$   |          | _        | _        | $\dashv$      | 4   | $\perp$   |             | 1   | <u> </u> | 144        | Ш               | <b>니</b>            |          |               | _        |          | _         | _            | _        |
|             | 45       | ļί   | ₽  | <b>-</b>        | <u> </u>     | $\vdash$   | $\vdash$    | $\sqcup$        |          |          |     | L                      | 95       | Ш  |          |          | _        | $\dashv$      |   | $\bot$  | $\bot$      | 1   | L        | 145        | $\sqcup$        | $\sqcup$            | _        | _             | _        |          | _ }       | _            |          |
| <u> </u>    | 46       |  | <u> </u>   |                 | <b> </b>     | <u> </u>   |             | $\sqcup$        |          | _        |     |                        | 96       | Ш  | _        | _        | _        | _             | $\perp$   | $\bot$  |             | 1   | <u> </u> | 146        | $\sqcup$        | $\Box$              |          | _             |          |          | _         |              | _        |
| <u> </u>    | 47.      | 1  | <b>├</b>   | <u> </u>        | <u> </u>     | <u> </u>   | <u> </u>    |                 |          |          |     | igsquare               | 97       | Щ  |          |          | _        | _             |   | _ _   | $\bot$      | 1   |          | 147        | Ш               | Щ                   | _        |               |          |          | _         | _            | _        |
|             | 48       | <u> </u>   | <u> </u>   | <u> </u>        |              |  |             |                 |          |          |     |                        | 98       | Ш  |          |          | $\bot$   |               |   | $\perp$   |             | 1   | <u></u>  | 148        | Ш               | $\sqcup$            |          |               |          |          |           |              | Щ        |
| <u></u>     | 49       | <u> </u>   | ļ.   | $oxed{oxed}$    | <u> </u>     | L_   | <u> </u>    | Ш               |          |          | -   |                        | 99       | Ш  |          |          | _        | _             | 4   | $\perp$   | _           | 1   |          | 149        | Ш               | $\sqcup$            | ļ        |               |          |          |           |              |          |
|             | 50       | l i  | L  | <u>li</u>       | <u> </u>     |  | L           |                 |          |          |     |                        | 100      | Ш  |          |          |          |               | L   |   | 1           | J   |          | 150        |                 |                     |          |               |          |          |           |              |          |